

A: a lower alkylene which may have substituent(s), an arylene which may have substituent(s), a heteroarylene which may have substituent(s), a cycloalkylene which may have substituent(s), or H;

X:  $\text{NR}^4$ ,  $\text{CONR}^4$ ,  $\text{NR}^4\text{CO}$ , O, or S;

a dotted line between Y and Z: presence ( $\text{Y}=\text{Z}$ ) or absence ( $\text{Y}-\text{Z}$ ) of a bond;

Y-Z:  $\text{N}(\text{R}^5)-\text{C}(\text{O})$ ,  $\text{C}(\text{O})-\text{N}(\text{R}^5)$ ,  $\text{N}(\text{R}^5)-\text{N}(\text{R}^5)$ , or  $\text{C}(\text{O})-\text{C}(\text{O})$ ;

Y=Z:  $\text{N}=\text{C}(\text{R}^6)$ ,  $\text{C}(\text{R}^7)=\text{N}$ ,  $\text{N}=\text{N}$ , or  $\text{C}(\text{R}^7)=\text{C}(\text{R}^7)$ ;

$\text{R}^1$ ,  $\text{R}^4$ : H, a lower alkyl, -CO-lower alkyl, or - $\text{SO}_2$ -lower alkyl;

$\text{R}^2$ : H, a lower alkyl, a halogen, a lower alkyl substituted by halogen(s), -O-lower alkyl, -S-lower alkyl, -O-aryl, -O-lower alkylene-aryl, -S-lower alkylene-aryl, nitro, cyano, - $\text{OCH}_2\text{O}$ -, or  $-(\text{CH}=\text{CH}-\text{CH}=\text{CH})$ -;

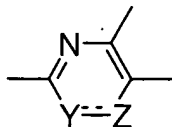
$\text{R}^3$ : - $\text{CO}_2\text{H}$ , - $\text{CO}_2$ -lower alkyl, -lower alkylene- $\text{CO}_2\text{H}$ , -lower alkylene- $\text{CO}_2$ -lower alkyl, -CONHOH, -CONHO-lower alkyl, -lower alkylene-CONHOH, -lower alkylene-CONHO-lower alkyl, - $\text{NH}_2$ ,  $-(\text{NH}_2$  in a prodrug form), -lower alkylene- $\text{NH}_2$ , or -lower alkylene- $(\text{NH}_2$  in a prodrug form);

$\text{R}^5$ : H or a lower alkyl group;

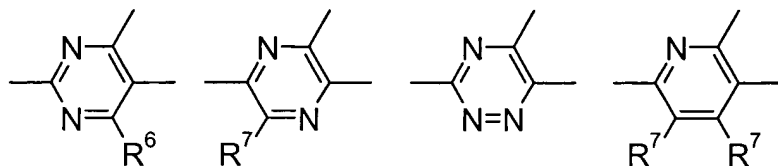
$\text{R}^6$ : a lower alkyl, -OH, -O-lower alkyl, -O-aryl which may have substituent(s), -O-lower alkylene-aryl which may have substituent(s), - $\text{NR}^1$ -aryl which may have substituent(s), -CO-lower alkyl, or -aryl group which may have substituent(s);

$\text{R}^7$ : the same or different, H or the same group as  $\text{R}^6$ . The same shall apply to the following).

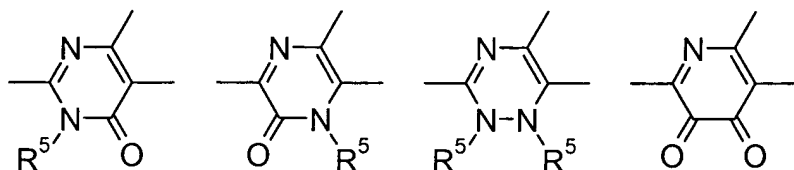
By the way, when  $\text{Y}=\text{Z}$  represents  $\text{N}=\text{C}(\text{R}^6)$ ,  $\text{C}(\text{R}^7)=\text{N}$ ,  $\text{N}=\text{N}$ , or  $\text{C}(\text{R}^7)=\text{C}(\text{R}^7)$  in the formula, the central heterocycle part:



represents any of the following formulae:



A<sup>1</sup> and when Y-Z represents N(R<sup>5</sup>)-C(O), C(O)-N(R<sup>5</sup>), N(R<sup>5</sup>)-N(R<sup>5</sup>), or C(O)-C(O) in the formula, the central heterocycle part represents any of the following formulae.



Page 11, between lines 2 & 3, please insert the following paragraph

A<sup>2</sup> The substituent R<sup>2</sup> on the anilino group in the formula (I) represents one group or a plural number of groups (e.g., "3, 5-Me" means "3,5-dimethyl"). R<sup>2</sup> also represents -OCH<sub>2</sub>O-or-(CH=CH-CH=CH)-, wherein -OCH<sub>2</sub>O means a methylenedioxy group and -(CH=CH-CH=CH)-, wherein -OCH<sub>2</sub>O- means a methylenedioxy group and -(CH=CH-CH=CH)- means a naphthyl group together with the adjacent benzene ring.

Page 23, first full paragraph

A<sup>3</sup> A peptide of 18 amino acid residues (MEELQDDYEDMMEENLEQ) (SEQ ID NO:1) containing Tyr-8 of human erythrocyte Band 3 (Harrison, M. L. et al., J. Biol. Chem., 269: 955-959 (1994)) was synthesized using a peptide synthesizer. Using a biotinylation kit manufactured by Pierce, the N-terminal of the peptide in a resin-linked state was biotinylated, and purification was carried out using an HPLC.

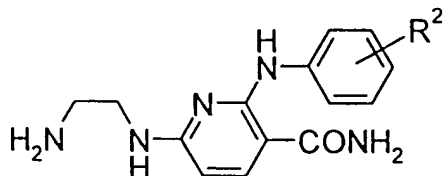
Page 35, second full paragraph

A<sup>4</sup> Rex: Reference Example number, Ex: Example number, Cmpd: compound number, Ph: phenyl, Me: methyl, Et: ethyl, tBu: tert-butyl, Boc: tBuO-CO-, Bn: benzyl, Ac: acetyl, BCA: cis-2-(tert-butoxycarbonylamino)cyclohexylamino, PEA: (1'S,1R,2S)-2-(1'-

A4 represents a 2-naphthyl group together with the adjacent benzene ring, and OCH<sub>2</sub>O represents methylenedioxy group.

Page 38, please delete table 3 and insert the following new table 3:

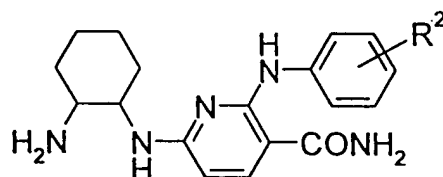
Table 3



Cmpd	R <sup>2</sup>	Cmpd	R <sup>2</sup>	Cmpd	R <sup>2</sup>	Cmpd	R <sup>2</sup>
1	2-Br	10	2-H <sub>2</sub> N	19	2-PhO	28	2-Bu
2	3-Br	11	3-H <sub>2</sub> N	20	3-PhO	29	3-Bu
3	4-Br	12	4-H <sub>2</sub> N	21	4-PhO	30	4-Bu
4	2-Cl	13	2-Ac	22	2-MeO	31	3,5-Cl
5	3-Cl	14	3-Ac	23	3-MeO	32	3,5-MeO
6	4-Cl	15	4-Ac	24	4-MeO	33	3,5-Me
7	2-HOCH <sub>2</sub>	16	2-MeS	25	2-Me	34	2,3-OCH <sub>2</sub> O
8	3-HOCH <sub>2</sub>	17	3-MeS	26	3-Me	35	3,4-OCH <sub>2</sub> O
9	4-HOCH <sub>2</sub>	18	4-MeS	27	4-Me	36	3,4-(CH=C H-CH=CH)

Page 38, please delete table 4 and insert the following new table 4:

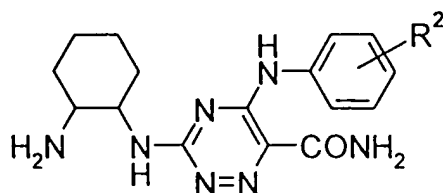
Table 4



Cmpd	R <sup>2</sup>	Cmpd	R <sup>2</sup>	Cmpd	R <sup>2</sup>	Cmpd	R <sup>2</sup>
37	2-Br	46	2-H <sub>2</sub> N	55	2-PhO	64	3-Et
38	3-Br	47	3-H <sub>2</sub> N	56	3-PhO	65	4-Et
39	4-Br	48	4-H <sub>2</sub> N	57	4-PhO	66	3-Pr
40	2-Cl	49	2-Ac	58	2-MeO	67	3-Bu
41	3-Cl	50	3-Ac	59	3-MeO	68	3,5-Cl
42	4-Cl	51	4-Ac	60	4-MeO	69	3,5-MeO
43	2-HOCH <sub>2</sub>	52	2-MeS	61	2-Me	70	2,3-OCH <sub>2</sub> O
44	3-HOCH <sub>2</sub>	53	3-MeS	62	4-Me	71	3,4-OCH <sub>2</sub> O
45	4-HOCH <sub>2</sub>	54	4-MeS	63	2-Et	72	3,4-(CH=C H-CH=CH)

Page 40, please delete table 6 and insert the following new table 6

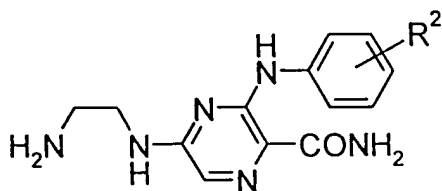
Table 6



Cmpd	R <sup>2</sup>	Cmpd	R <sup>2</sup>	Cmpd	R <sup>2</sup>	Cmpd	R <sup>2</sup>
121	2-Br	130	2-H <sub>2</sub> N	139	2-PhO	148	2-Et
122	3-Br	131	3-H <sub>2</sub> N	140	3-PhO	149	3-Et
123	4-Br	132	4-H <sub>2</sub> N	141	4-PhO	150	4-Et
124	2-Cl	133	2-Ac	142	2-MeO	151	3,5-Cl
125	3-Cl	134	3-Ac	143	3-MeO	152	3,5-MeO
126	4-Cl	135	4-Ac	144	4-MeO	153	3,5-Me
127	2-HOCH <sub>2</sub>	136	2-MeS	145	2-Me	154	2,3-OCH <sub>2</sub> O
128	3-HOCH <sub>2</sub>	137	3-MeS	146	3-Me	155	3,4-OCH <sub>2</sub> O
129	4-HOCH <sub>2</sub>	138	4-MeS	147	4-Me	156	3,4-(CH=C H-CH=CH)

Page 40, please delete table 7 and insert the following new table 7:

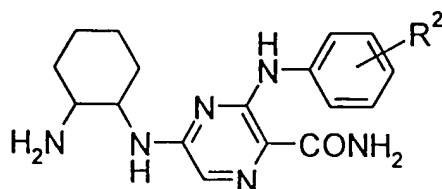
Table 7



Cmpd	R <sup>2</sup>	Cmpd	R <sup>2</sup>	Cmpd	R <sup>2</sup>	Cmpd	R <sup>2</sup>
157	2-Br	166	2-HOCH <sub>2</sub>	175	2-MeS	184	4-Me
158	3-Br	167	3-HOCH <sub>2</sub>	176	3-MeS	185	2-Et
159	4-Br	168	4-HOCH <sub>2</sub>	177	4-MeS	186	3-Et
160	2-Cl	169	2-H <sub>2</sub> N	178	2-PhO	187	4-Et
161	3-Cl	170	3-H <sub>2</sub> N	179	3-PhO	188	3,5-MeO
162	4-Cl	171	4-H <sub>2</sub> N	180	4-PhO	189	3,5-Me
163	2-F	172	2-Ac	181	2-MeO	190	2,3-OCH <sub>2</sub> O
164	3-F	173	3-Ac	182	4-MeO	191	3,4-OCH <sub>2</sub> O
165	4-F	174	4-Ac	183	2-Me	192	3,4-(CH=C H-CH=CH)

Page 42, please delete table 9 and insert the following new table 9:

Table 9

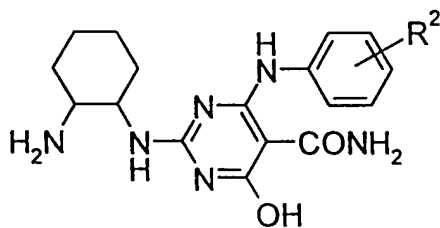


A9

Cmpd	R <sup>2</sup>	Cmpd	R <sup>2</sup>	Cmpd	R <sup>2</sup>	Cmpd	R <sup>2</sup>
241	2-Br	250	2-H <sub>2</sub> N	259	2-PhO	268	2-CN
242	4-Br	251	3-H <sub>2</sub> N	260	4-PhO	269	3-CN
243	2-Cl	252	4-H <sub>2</sub> N	261	2-MeO	270	4-CN
244	4-Cl	253	2-Ac	262	4-MeO	271	3,5-Br
245	2-F	254	3-Ac	263	2-Et	272	3,5-Cl
246	4-F	255	4-Ac	264	4-Et	273	3,5-F
247	2-HOCH <sub>2</sub>	256	2-MeS	265	2-NO <sub>2</sub>	274	2,3-OCH <sub>2</sub> O
248	3-HOCH <sub>2</sub>	257	3-MeS	266	3-NO <sub>2</sub>	275	3,4-OCH <sub>2</sub> O
249	4-HOCH <sub>2</sub>	258	4-MeS	267	4-NO <sub>2</sub>	276	3,4-(CH=C H-CH=CH)

Page 42, please delete table 10 and insert the following new table 10:

Table 10



A10

Cmpd	R <sup>2</sup>	Cmpd	R <sup>2</sup>	Cmpd	R <sup>2</sup>	Cmpd	R <sup>2</sup>
277	2-F	286	2-H <sub>2</sub> N	295	2-PhO	304	2-Bu
278	3-F	287	3-H <sub>2</sub> N	296	3-PhO	305	3-Bu
279	4-F	288	4-H <sub>2</sub> N	297	4-PhO	306	4-Bu
280	2-Cl	289	2-Ac	298	2-MeO	307	3,5-Cl
281	3-Cl	290	3-Ac	299	3-MeO	308	3,5-MeO
282	4-Cl	291	4-Ac	300	4-MeO	309	3,5-Me
283	2-HOCH <sub>2</sub>	292	2-MeS	301	2-Et	310	2,3-OCH <sub>2</sub> O
284	3-HOCH <sub>2</sub>	293	3-MeS	302	3-Et	311	3,4-OCH <sub>2</sub> O
285	4-HOCH <sub>2</sub>	294	4-MeS	303	4-Et	312	3,4-(CH=C H-CH=CH)